

MK-3697

Catalog No: tcsc3376



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

CAS No:

1224846-01-8

Formula:

$C_{23}H_{21}N_5O_3S$

Pathway:

GPCR/G Protein

Target:

Orexin Receptor (OX Receptor)

Purity / Grade:

>98%

Solubility:

DMSO : 22.5 mg/mL (50.28 mM; Need ultrasonic and warming)

Observed Molecular Weight:

447.51

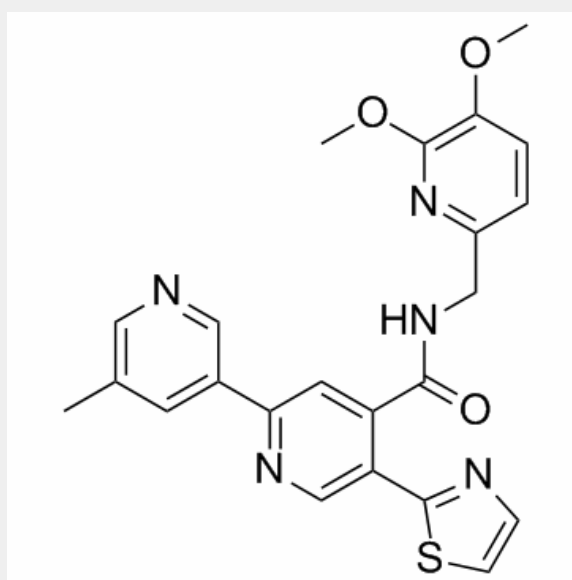
Product Description

MK-3697 is an isonicotinamide small molecule, acting as a potent and selective Orexin 2 receptor antagonist with $K_i = 0.95$ nM.

IC50 value: 0.95 nM(K_i)

Target: Orexin 2 receptor antagonist

MK-3697 is a highly potent, orally bioavailable selective orexin 2 receptor antagonists (2-SORAs) that possess acceptable profiles for clinical development. Herein we report additional SAR studies within the “triaryl” amide 2-SORA series focused on improvements in compound stability in acidic media and time-dependent inhibition of CYP3A4. MK-3697 has improved stability and TDI profiles as well as excellent sleep efficacy across species.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!